



भारत का राजपत्र

The Gazette of India

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सं० 12]

नई दिल्ली, शनिवार, मार्च 20, 1993 (फाल्गुन 29, 1914)

No. 12]

NEW DELHI, SATURDAY, MARCH 20, 1993 (PHALGUNA 29, 1914)

हस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 20th March 1993

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Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
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Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

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1—507 GI/92

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The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 20 मार्च 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा चम्बर, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडै इस्टेट,
तीसरा तल, लोअर परले, (पश्चिम),
पञ्च-400013 T

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संबन्धित क्षेत्र गोवा, वसन तथा
दीव एवं दण्डरा और नागर हवेली ।
तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
मन्मथी मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संबन्धित क्षेत्र चंडीगढ़ तथा दिल्ली ।
तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालाजि रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संबन्धित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्का तथा अमिनिबिबि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय अस्तलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र
तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

THE PATENT OFFICE

Calcutta, the 20th March 1993

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent brackets are the dates
claimed under section 135, of the Patents Act, 1970.

The 5th February 1993

- 71/Cal/93 Abadh Behari Kavl. Pramujar Engine. (An engine
to operate with fuel & without causing pollution).
72/Cal/93 Steadtler & Uhl. Fitting of saw-Toothed stamped
parts for textile.

The 8th February 1993

- 73/Cal/93 Naue-Fasertechnik GmbH & Co. KG. Sealing
Sheeting of swellable clay impervious to water
and/or oil.
74/Cal/93 Jyoti & Jwala. Improved solar cooker.

The 9th February 1993

- 75/Cal/93 Thomson Consumer Electronics. Inc. Service
switch for video display deflection apparatus.

- 76/Cal/93 Torf Establishment. Amadori Reaction compounds
and products, process for their manufacture, and
their use.

- 77/Cal/93 Hitachi, Ltd. Multi-series Inverter Arrangement.
The 10th February 1993

- 78/Cal/93 Himont Incorporated. Heat-sealable polyolefin
compositions.
79/Cal/93 Vangala Pattabhi. An assembly for the handling
of sheet/sheet-like materials especially in stacks.
80/Cal/93 E. Du Pont De Nemours and Company. Neat
oil finish with high lubricant content.
81/Cal/93 Hoechst Celanese Corporation. Conversion of
Pyridine-2, 3-Dicarboxylic Acid Esters to cyclic
anhydrides.

The 11th February 1993

- 82/Cal/93 Deussa Aktiengesellschaft. A coating dispersion
for exhaust gas catalysts.
83/Cal/93 Tritan Pty. Limited. Improved simulator arrange-
ment. (Convention No. 11088/92; dated 20-02-92;
Australia).

The 12th February 1993

- 84/Cal/93. Debasis Das Gupta. Method for the production
of Ammonium Borosilicate.

85/Cal/93 Thomson Consumer Electronics. Inc. Service adjustment arrangement for a sawtooth Generator of a video display.

86/Cal/93 Ralph Haber Hoyerck. Perpetual yearly/monthly calendars. (Convention 20-4-88; No. 564,569; Canada) [Divided out of No. 149/Cal/89; dated 20-02-1989.]

87/Cal/89 Morris Wilfred. Reluctance Machine. (Convention No. 9204667; dated 4-3-92; U.K.)

88/Cal/89 Frigoscandia Food Process systems, AB. Device for carrying an endless conveyor belt.

The 15th February 1993

89/Cal/93 Hitachi Construction Machinery Co. Ltd. Valve Apparatus.

90/Cal/93 Mauser Werke GmbH. Pallet Container.

91/Cal/93 Acma Limited. Evaporative airconditioner unit.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-13

The 30th November 1992

383/Bom/92 Arun Hari Kulkarni. Improvements in or relating to seals and sealing mechanism and sealing practises employed in cable &/or conductor making and supplying.

The 1st December 1992

384/Bom/92 Kanifnath Paraji Changulpai. An improved tractor.

385/Bom/92 Shodhan Anil Bhawe. Air pump mounted on the wheel of automobile vehicle.

The 2nd December 1992

386/Bom/92 Walchandnagar Industries Ltd. A two wheeler harvester.

387/Bom/92 Walchandnagar Industries Ltd. A four wheeler harvester.

388/Bom/92 Dilip Rangnath Deshpande. Electronic system for giving audio-visual direction instruction to taxi and autorikshaw drivers.

The 3rd December 1992

389/Bom/92 Rajendra Somani, Oriental Containers Ltd. Chamfered closures.

The 4th December 1992

390/Bom/92 Arun Hari Kulkarni. Improvements in or relating to insulated copper strips or rounds wires (magnet wires/winding wires) made using powder coating techniques.

391/Bom/92 Pradyumna Mansukhlal Doshi. An apparatus to transmit broadband signal over voice grade channel using PMD data encoder & decoder.

392/Bom/92 Manuel S. Gracías. Raising water/liquid/fluid to a height/s.

The 11th December 1992

393/Bom/92 Bruce E. Stanko. Telephonic pacemaker and single channel EKG monitoring device.

394/Bom/92 Hoechst India Ltd. Antiarhythmic and cardio-protective substituted ethenylguanidines.

The 14th December 1992

395/Bom/92 Hindustan Lever Ltd. Process.

396/Bom/92 Hindustan Lever Ltd. Product.

The 15th December 1992

397/Bom/92 Paramount Sinters Pvt. Ltd. A continuous type device for reduction roasting of manganese ores.

398/Bom/92 Plastrat Electronics Pvt. Ltd. Signal strength meter.

399/Bom/92 Plastrat Electronics Pvt. Ltd. An improved field strength meter with rechargeable power.

The 16th December 1992

400/Bom/92 Hindustan Lever Ltd. Self Tanner cosmetic composition.

401/Bom/92 Hindustan Lever Ltd. U.K. Priority date 19-12-91. Cosmetic composition.

The 17th December 1992

402/Bom/92 Greaves Foseco Ltd. Vertically parted mould having a feeder unit therein.

403/Bom/92 Anil Moreshwar Trade & Balkrishna Sedashiv Bapat. An improvement to a current operated each leakage circuit breaker by automatically adjusting leakage current tripping level directly proportional to load current.

The 18th December 1992

404/Bom/92 Allaudin Habib Jagarala. An improved version of automobile silencer muffler.

405/Bom/92 Aditya Ramchandnra Kamat. A Nasal filter.

406/Bom/92 Bhalchandnra Sitaram Kanberge & Abdulla M. Galib Shaikh. An improved two wheeler semi-automatic vehicle.

407/Bom/92 K. A. Lohidaksh. An improvement in providing handles to the containers.

408/Bom/92 Satish Arora. A single piece self-punching dripper device used in drip irrigation systems for a controlled discharge at a reduced pressure.

409/Bom/92 Hindustan Lever Ltd. Hair treatment composition.

410/Bom/92 Hindustan Lever Ltd. Hair treatment composition.

411/Bom/92 Tilak Raj Chaudhary. An improved illuminated suction.

412/Bom/92 Tilak Raj Chaudhary. An improved illuminated mini suction cannula.

413/Bom/92 Tilak Raj Chaudhary. An improved illuminated mouth gag.

The 21st December 1992

414/Bom/92 Scitech Centre. A disintegration test apparatus for soluble containers intended for veterinary dosages.

415/Bom/92 Scitech Centre. A sowing device for seeds and/or fertilizers and/or micronutrients and/or agrochemicals for agriculture and afforestation.

416/Bom/92 Ashok Achyut Divekar & Ramkrishna Ganesh Phatak. Auxiliary Cylinder Air Assisted Fuel Injection System for internal combustion engines.

417/Bom/92 Hindustan Lever Limited U.K. priority dt. 20-12-91. Bleach Activation.

418/Bom/92 Hindustan Lever Limited. U.K. priority dt. 20-12-91 & 4-3-92. Bleach Activation.

The 22nd December 1992

419/Bom/92 Breaves cotton & Co. Ltd. An improved diesel oil engine.

The 23rd December 1992

420/Bom/92 Hindustan Organic Chemicals Ltd. An improved process for the preparation of a poisoned precious metal catalyst.

421/Bom/92 Vipin Champsey Shah. An improved multifilament lamp with auto-switching electronic switch.

422/Bom/92 Vipin C. Shah & Anurag V. Shah. A multi-purpose suspension washing cum heating cum drying cum pumping machine.

The 24th December 1992

423/Bom/92 Indian Oil Corporation Ltd. A kerosene wick lamp.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS 600 002

The 11th January 1993

7/Mas/93 Sekarapuram Lalshajinarayanan Ramamoorthy. A ferrocement multipurpose panel for use in building and construction.

8/Mas/93 Peetra Kandy Jayarajan. Killing mosquitoes "Maruti Mat".

9/Mas/93 Schoeller-Plast SA. Container, in particular container for vegetables made from plastic material and having foldable side walls.

10/Mas/92 Mannesmann Aktiengesellschaft. Pipe branching device.

11/Mas/93 The South India Textile Research Association. A device for furnishing elastomeric yarn positively at a constant rate to knitting elements of a circular weft knitting machinery.

The 12th January 1993

12/Mas/93 S. Murugasen and S. Rajarajan. Energy on wheels by weight.

13/Mas/93 R. Chandramouliswaran. Charger cum power-pack.

14/Mas/93 Sequa Corporation. Interchangeable ink having enclosed transmission.

15/Mas/93 Kumarasamy Sankaran. An apparatus for automatic manufacture of murukku.

The 13th January 1993

16/Mas/93 Societe Francaise Hochst. Use of silica sols for obtaining a hide which is called a stabilized pickled white or stabilized white.

17/Mas/93 Maschinenfabrik Rieter AG. Method and apparatus for the continuous crimping of thermoplastic threads.

18/Mas/93 Hamlin Transmission Corporation. Apparatus for repositioning a bearing surface relative to a track having toothlike formations therein. (Divisional to Patent Application No. 215/Mas/89.)

The 15th January 1993

19/Mas/93 Professor Kandrika Sambamurthy & Professor D. Someswara Rao. Some new aspects for improved and economical microbiological conversion of progesterone to 11—hydroxyprogesterone.

20/Mas/93 Karumbur Ramakrishna Baskaran & Southern Magnetics Private Limited.

The 18th January 1993

21/Mas/93 Chotulal Singh Munikrishna Lal. Electricity from earth (gravitational forces can be converted into electricity).

22/Mas/93 Uppinangady Varadaraya Nayak. An attachment device for climbing/descending a substantially vertical projections such as a pole of stem of a tree.

The 19th January 1993

23/Mas/93 Rieter Ingolstadt. Sliver channel.

24/Mas/93 Rieter Ingolstadt. Revolving plate.

25/Mas/93 Rieter Ingolstadt. A process and apparatus for cleaning of sensor surfaces of a yarn monitoring device.

26/Mas/93 Plastro-Gvat. Regulated drip irrigation emitter.

27/Mas/93 Mul-T-Lock Ltd. Locking apparatus.

The 20th January 1993

28/Mas/93 Manjarabad Venkataramanaswamy Naik. Sreenivasu Raju. Reclamation and reuse of spent sodium hydroxide in the regeneration of anion resin in demineraliser water treatment plant.

29/MAS/93 Minnesota Mining and Manufacturing Company. Improved Telecommunications connector module.

30/MAS/93 Christian Constantinescu. Hockey stick with a reinforced butt.

31/MAS/93 Lonza Ltd. N-5-protected 2, 5-diamino-4, 6-dichloropyrimidines and processes for their preparation.

32/MAS/93 McCormick & Company, Inc. Method and apparatus for continuous sterilization and drying of spices and leafy herbs.

The 21st January 1993

33/MAS/93 R. Rajendran. A battery—electrical energy.

34/MAS/93 Girivas Viswanath Shet. (Preparing marketing hair oil for curing alopecia).

35/MAS/93 Monsanto Company. Assessment of autoignition conditions and suppression of autoignition.

36/MAS/93 SMS Schloemann-Siemag Aktiengesellschaft. Apparatus for the controlled cooling of wire rod starting from the hot rolled state.

37/MAS/93 Institut Francais Du Petrole. Catalyst for the alkylation of paraffins.

38/MAS/93 British Gas PLC. A die.

The 22nd January 1993

39/MAS/93 Owens-Illinois Closure Inc. The method and apparatus for making a closure.

40/MAS/93 Union Carbide Chemicals & Plastics Technology Corporation. Reactivation of hydroformylation catalysts.

41/MAS/93 Tetra Alfa Holdings S.A. A method of producing a soya drink.

The 25th January 1993

42/MAS/93 Borden, Inc. "Dialdthyle modified, phenolic foundry sand core binder resins, processes for making same, and process for preparing foundry cores and molds employing same.

43/MAS/93 Borde, Inc. Ambient temperature hardening binder compositions.

44/MAS/93 GERB Schwingungsisolierungen GmbH & Co. KG. A helical compression spring assembly.

45/MAS/93 Ole-Bendt Rasmussen. Laminated films (January 29, 1992; United Kingdom).

The 27th January 1993

46/MAS/93 Bandgap Technology Corporation. Vertical cavity surface emitting laser optical interconnect technology.

47/MAS/93 Bandgap Technology Corporation. Integration of transistors with vertical cavity surface emitting lasers.

48/MAS/93 Wes Technology Inc. Scale for Gas isolators.

49/MAS/93 Societe Francaise Hoechst. Process for obtaining orthohydroxymandelic acid and its salts.

The 28th January 1993

50/MAS/93 Sree Chitra Tirunal Institute for Medical Sciences & Technology. Novel bone wax and preparation of the same.

51/MAS/93 Union Carbide Chemicals & Plastics Technology Corporation. Method and apparatus for stopping reaction is a gas phase polymerization reactor system.

52/MAS/93 Inventio AG. Personnel conveying system.

53/MAS/93 Aspa Brown Boveri Ltd. Pressure wave machine with integrated combustion.

54/MAS/93 Envirochill International Ltd. Selfcooling fluid container.

55/MAS/93 Sven-Eric Bjodin. Rotating tool.

The 29th January 1993

56/MAS/93 Mathew V. Mathew. Gravity feed into cylindrical wick for reducing fuel consumption in kerosine stoves.

57/MAS/93 Maschinenfabrik Rieter AG. A method for conditioning roving in spinning frames and a spinning frame to carry out this method.

58/MAS/93 Maschinenfabrik Rieter AG. "Card drive".

59/MAS/93 Prof. Dr. Reinhold Kickuth and Reinhold Kickuth jun and Dipl.-Ing. Alexander Kickuth. Method of an installation for purifying liquids in horizontally flow-through plant containing filter beds.

60/MAS/93 Japan Exlan Company Limited. Process for removing colored components from solvent for polyacrylonitrile.

61/MAS/93 Congoleum Corporation. Decorative floor coverings having the appearance of ceramic tile and composition and methods for making same.

62/MAS/93 Dana Corporation. Axle carrier pinion bearing lube return.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110005.

The 7th December 1992

1156/Del/92 More Print (P.) Ltd., "Grippers for off set printing machine".

1157/Del/92 Imperial Chemical Industries PLC, "Production of hydrofluorocarbons". (Convention date 11th December, 91) (U.K.).

1158/Del/92 Keravision, Inc., "A corneal curvature adjustment ring". [Divisional date 30th March, 89].

1159/Del/92 Imperial Chemical Industries PLC, "Polymer-modified particulate titanium dioxide". (Convention date 23rd December, 91) (U.K.).

The 8th December 1992

1160/Del/92 Aeternum S.r.l., "Cover lock/safety device in a pressure cooker".

1161/Del/92 Motorola Inc., "Method and apparatus for optimum channel assignment".

1162/Del/92 British Technology Group Ltd., "Doubly salient reluctance machines". (Convention date 10th December, 91 & 2nd October, 92) (U.K.).

1163/Del/92 Rohm & Haas Co., "A polymer composition having improved compatibility". [Divisional date 23rd March, 1989].

1164/Del/92 Rohm & Haas Co., "A composition having improved tensile modulus". [Division date 23rd March, 1989].

The 9th December 1992

1165/Del/92 Deepak Gamkhar, "A process for the desalination of saline water".

1166/Del/92 Allied-Signal Inc., "Process for removing 2-chloro-1, 1-difluoroethylene from 1, 1, 1, 2-tetrafluoroethane and co-producing 2-chloro-1, 1, 1, 2-tetrafluoroethane".

1167/Del/92 Voest-Alpine Industrieanlagenbau GmbH, "A method of producing metal melts and an electric arc furnace therefor".

1168/Del/92 Courtaulds PLC, "Cellulosic fibres". (Convention date 10th December, 91) (U.K.).

The 10th December 1992

1169/Del/92 Sariska Bioritm International Group, "The application of the synthetic polypeptide iijafa RT-II having the following formula : pGlu-His-Trp-Ser-Tyr-D-AlaLeu-Arg-Pro-ethyl amide C56 H78 N16 O12(CH₃COOH)_n which is a plant growth stimulant and modulator of enzymatic systems of plants".

1170/Del/92 Council of Scientific & Industrial Research, "An improved device for measuring the temperature in an underground mine".

1171/Del/92 Council of Scientific & Industrial Research, "A device useful for detecting the direction and span of opening from the bore hole in an underground mine which is waterlogged and inaccessible".

1172/Del/92 Council of Scientific & Industrial Research, "An improved air-lock device useful for underground mine ventilation".

1173/Del/92 Council of Scientific & Industrial Research, "A device suitable for the installation of friction bolts in drill holes in underground mines".

1174/Del/92 Council of Scientific & Industrial Research & Other "An improved process for production of 6-APA using stage stirred tank reactor system and immobilized penicillin G acylase".

The 10th December 1992

1175/Del/92 Council of Scientific & Industrial Research, "A novel ash extractor". [Divisional date 21st September, 1990].

1176/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of nitrate from molecular nitrogen". [Divisional date 29th October, 90].

1177/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of iron molybdate catalyst".

1178/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of formaldehyde using improved iron molybdate catalyst".

1179/Del/92 The Procter & Gamble Co., "Acylated citrate esters as peracid precursors". (Convention date 13th December, 91) (U.K.).

1180/Del/92 The Procter & Gamble Co., "Encapsulation of liquids in micro-organisms". (Convention date 13th December, 91) (U.K.).

1181/Del/92 Sung Lee, "Recording and reproducing A 3-dimensional image".

1182/Del/92 Tambrands, Inc, "Tampon Applicator".

1183/Del/92 Tambrands, Inc, "Tampon applicator".

1184/Del/92 Aktiebolaget Astra, "New compounds".

1185/Del/92 Norsk Hydro A.S., "Method for production of thermostable chemical resistant plastics".

1186/Del/92 Reliance Electric Co., "An improved thrust bearing". [Divisional date 10th February, 1987].

The 11th December 1992

1187/Del/92 Societe De Conseils De Recherches Et D' Applications Scientifiques (S.C.R.A.S.), "Preparation process of new benzofuranylimidazole derivatives". (Convention date 27th December, 91) (U.K.).

1188/Del/92 Societe De Conseils De Recherches Et D' Applications Scientifiques (S.C.R.A.S.), "Dual inhibitors of no synthase and cyclooxygenase, process for their preparation and therapeutical compositions containing them". (Convention date 4th January, 92) (U.K.).

The 14th December 1992

1189/Del/92 Colgate-Palmolive Co., "Free-flowing powder fabric softening composition and process for its manufacture".

1190/Del/92 Colgate-Palmolive Co., "Free flowing powder fabric softening composition and process for its manufacture".

1191/Del/92 Colgate-Palmolive Co., "Visually clear gel dentifrice".

The 15th December 1992

1192/Del/92 Leader Forge India, Pvt. Ltd., "Safety cum non return valve for geyser".

1193/Del/92 American Safety Razor Co., "Disposable surgical scalpel with safety guard".

1194/Del/92 Honda Giken Kogyo Kabushiki Kaisha, "Vehicle power transmission apparatus".

1195/Del/92 Pandrol Ltd., "Fastening railway rails". (Convention date 18th December, 91 & 17th March, 92) (U.K.).

1196/Del/92 Pandrol Ltd., "Insulators for use in railway rail-fastening assemblies". (Convention date 18th December, 91 & 17th March, 92) (U.K.).

1197/Del/92 Pandrol Ltd., "Railway rail-fastening clip and assembly and methods of employing the same". (Convention date 18th December, 91 & 17th March, 92) (U.K.).

The 16th December 1992

1198/Del/92 The Procter & Gamble Co., "Disposable absorbent article having core spacers".

1199/Del/92 The Procter & Gamble Co., "Elasticized sanitary napkin".

1200/Del/92 The Procter & Gamble Co., "Absorbent article having blended absorbent core".

1201/Del/92 S. N. Roy Chaudhury, "An industrial gas burner".

1202/Del/92 S. N. Roy Chaudhury, "A burner assembly for use with a gas stove".

1203/Del/92 Imperial Chemical Industries PLC, "Isomerisation process". (Convention date 24th December, 91) (U.K.).

1204/Del/92 Allied-Signal Inc., "Compressor or turbine blade manufacture".

1205/Del/92 The Standard Oil Co., "Endothermic reaction apparatus".

The 17th December 1992

1206/Del/92 A. B. Bhattacharyya & Other, "Micropower single chip cmos analog hearing aid circuit".

1207/Del/92 A. B. Bhattacharyya & Other, "Micropower single chip cmos analog hearing aid circuit".

1208/Del/92 A. B. Bhattacharyya & other, "New process for conformal lithography".

1209/Del/92 G. Bose, "Short elimination by localized lithography".

1210/Del/92 L'Air Liquide, Societe Anonyme Pour L'Etude Et L'Exploitation Des Procédes Georges Claude, "Process and apparatus for the production of impure oxygen".

1211/Del/92 Shell Internationale Research Maatschappij B. V., "Novel functionalized polyolefins".

1212/Del/92 Eastman Kodak Co., "Continuous hydrolysis of cellulose acetate".

The 18th December 1992

1213/Del/92 Sultan Singh Jain, "Empty tape prevention".

1214/Del/92 Carrier Corporation, "Refrigerant flow control device".

1215/Del/92 Carrier Corporation, "Back pressure valve".

1216/Del/92 Rohm & Haas Co., "Ion exchange resin columns, systems comprising such columns, and processes using such columns". (Convention date 10th January, 14th August, 92) (U.K.).

1217/Del/92 Rohm & Haas Co., "Release coat".

1218/Del/92 Paul Wurth S.A., "Apparatus for supplying media to a blowing lance".

The 21st December 1992

1219/Del/92 Royal Appliance Mfg. Co., "Valving structure for air passageways of floor nozzle and auxiliary inlet of a vacuum cleaner".

1220/Del/92 Royal Appliance Mfg. Co., "Height adjustment system for vacuum cleaner".

1221/Del/92 The Procter & Gamble Co., "A process for preparing a perfume capsule composition".

1222/Del/92 Stein Industrie, "A device for supporting, on a fixed framework, a mass which is cantilevered out from a moving element".

1223/Del/92 Esco Corporation, "Attachments for excavating bucket".

The 22nd December 1992

1224/Del/92 Luigi Stoppini S.P.A., "Process and plant for the reduction of hexavalent chromium contained in the residue resulting from the processing of chromium minerals".

1225/Del/92 Morgan Construction Co., "Rod laying head with front and tail end ring control".

1226/Del/92 Denny Bros Printing Ltd., "Label/leaflet assemblies". (Convention date 23rd December, 91) (U.K.).

1227/Del/92 Hughes Aircraft Co., "Chirped grating surface emitting distributed feedback semiconductor laser".

The 23rd December 1992

1228/Del/92 Delsey, "Supporting device with rollers, and suitcases comprising at least one such device".

1229/Del/92 Delsey, "Improvement on pulling devices for luggages".

1230/Del/92 Council of Scientific & Industrial Research, "A device for testing of purity of water".

1231/Del/92 Council of Scientific & Industrial Research, "A composition for cutting oil".

1232/Del/92 Council of Scientific & Industrial Research, "An in water visible range spectograph".

1233/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of chlorobenzenes".

1234/Del/92 Council of Scientific & Industrial Research, "A process for the production of ortho chlorotoluene".

1235/Del/92 Council of Scientific & Industrial Research, "A process for the production of para dichlorobenzene".

1236/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of poly (acylester-carbonate)s".

1237/Del/92 Council of Scientific & Industrial Research, "An improved process for the synthesis of mono-alkyl carbonates of bisphenols".

1238/Del/92 Council of Scientific & Industrial Research, "A process for the preparation 1-(heteroaryl) 9-H pyrido (3, 4-b) indoles useful as potential filaricides". [Divisional date 23rd December, 92].

1239/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of antifilarial 4-cyano-5-quanidino pyrazole".

The 23rd December 1992

1240/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of novel crystalline molecular sieve".

1241/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of 2-alkoxyphenols from catechol & alcohols".

1242/Del/92 Council of Scientific & Industrial Research, "A process for production of high pure zirconia".

1243/Del/92 Plurichemie Anstalt, "Process for the recovery of noble metals and tertiary phosphines".

The 24th December 1992

1244/Del/92 Chief Controller of Research & Development, "A process for the preparation of glossy slow release insecticidal paint for insect control".

1245/Del/92 The Director, Central Pulp and Paper Research Institute, "A process for removal of silica from black liquor".

1246/Del/92 Ramesh Chander Verma, "A bed for carrying out the physical exercise, which can be used for sleeping too".

1247/Del/92 Ramesh Chander Verma, "A physical exercise for carrying out the exercise in anti-gravity posture".

1248/Del/92 Ramesh Chander Verma, "A device for carrying out the physical exercise in anti-gravity posture".

1249/Del/92 Ramesh Chander Verma, "A head or an attachment to vacuum hose of a vacuum pump to have vacuum message over skin and particularly over face and neck".

1250/Del/92 Ramesh Chander Varma, "Tooth brush bristles holder".

1251/Del/92 Ramesh Chander Varma, "An instrument to perform eye muscle/lens exercise".

1252/Del/92 Ramesh Chander Varma, "A hooked shoe for carrying out the physical anti-gravity exercises".

1253/Del/92 Ramesh Chander Varma, "Table for reading from below during physical exercises in anti-gravity posture".

1254/Del/92 Anurag Ateet Gupta & Others, "Synergistic multifunctional composition for petroleum based lubricating oils".

1255/Del/92 Rhone-Poulenc Rorer SA, "Process for obtaining 10-deacetylbaecatin III".

1256/Del/92 Rhone-Poulenc Rorer SA, "Process for obtaining 10-deacetylbaecatin III".

1257/Del/92 The Procter & Gamble Co., "Granular laundry bleaching composition". (Convention date 3rd January, 92) (U.K.).

ALTERATION OF DATE

(1046/Del/86) Filed on 01 Dec. 1986.

(1046/Del/86) Post-dated to 01 May 1987.

72049 Filed on 11 Apr 1989.

(389/Del/89) Post dated to 11 Jul 1989.

COMPLETE SPECIFICATION ACCEPTED

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 26 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बक डिपो, 8, किरण शंकर राय रोड कलकत्ता में विक्रय होते यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति वृत्त मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृति विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचयन किया जा सकता है।

Ind. Cl. : 160 C Gr [LII (3)]

172031

Int. Cl. : B 62 J-1/00 and 1/28

AN IMPROVED BACK REST FOR TWO WHEELER MOTOR VEHICLES.

Applicants : BAJAJ AUTO LIMITED, AN INDIAN COMPANY OF AKURDI, PUNE-035 MAHARASHTRA, INDIA.

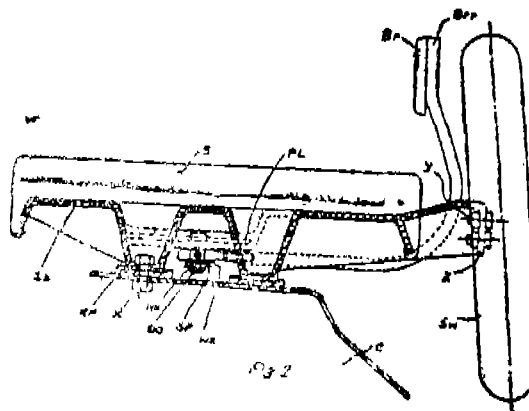
Inventors : (1) GAURI PRAKASH AGARWAL, (2) CHARUDATTA YESHWANT DESHPANDE.

Application No. 144/Bom/1990 filed on 6-6-1990.

Appropriate office for opposition proceedings (Rule 4. Patents, Rules, 1972) Patent Office Branch, Bombay-13.

6 Claims

An improved back rest for two wheeler motor vehicles comprising a cushioned curved sheet secured to a bracket disposed on the side of the longitudinal axis of the said vehicle, said bracket extending downwards behind and under the seat of said vehicle, said bracket end portion disposed under the seat being hinged to the vehicle seat base and/or to the vehicle chassis for swivelling movement of said bracket on the side of its disposition, said end portion of the bracket also having recesses on its peripheral surfaces to accommodate an end portion of a spring biased pin to effect locking of said bracket in a desired position.



Comp. Specn. 13 pages;

Drgs. 2 sheets

Ind. Cl. : 170 B [XLIII (4)]

172032

Int. Cl. : C 11 D-3/00, 3/02

PROCESS FOR PREPARING HIGH BULK DENSITY DETERGENT POWDERS CONTAINING CLAY.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA.

Inventors : (1) GRAEME DOUGLAS ARMSTRONG, (2) DONALD GERARD CRONIN

Application No. 307/Bom/1990 filed on 26-11-1990.
U.K. Priority Date 27-11-1989.

Appropriate office for opposition proceedings (Rule 4. Patents, Rules, 1972) Patent Office Branch, Bombay-13.

7 Claims

Process for the preparation of a granular detergent composition or component having a bulk density of at least 550 g/l, which comprises the steps of adding from 1.5% to 35% by weight of a swelling clay such as herein described to a particulate starting material comprising :—

(a) from 10 to 70% by weight of non-soap detergent active material, and

(b) at least 10% by weight of water-soluble crystalline inorganic salts, including sodium tripolyphosphate and/or sodium carbonate,

the weight ratio of (a) to (b) being from 0.1 to 2.0 and treating the mixture in a high-speed mixer/granulator having both a stirring action and a cutting action.

Comp. Specn. 18 pages, Drg. 1 sheet.

Ind. Cl. : 195 B, D Gr. [XXIX (3)]

172033

Int. Cl. : F 16 K-7/00, 3/00

AN IMPROVED NON RETURN/FOOT VALVE.

Applicants & Inventor : VASANT BAPU PATIL, AT POST : TOP, TAL : HATKANANGALE, DIST: KOLHAPUR MAHARASHTRA STATE, INDIA.

Application No. 350/Bom/1990 filed on 27-12-1990.

Appropriate office for opposition proceedings (Rule 4. Patents, Rules, 1972) Patent Office Branch, Bombay-13.

1 Claim

An improved non return/foot valve comprising a main valve body having a lower compartment and an upper compartment having in it an inner compartment, the bottom of the said lower compartment is made flat or dome shape and is provided with perforations, the said upper compartment is provided with a threaded opening for connecting the said non return/foot valve to a suction pipe of pump characterised in that the inner compartment provided in the said upper compartment is provided with openings in the side walls and also in the top portion the said walls of the said inner compartment is provided with threads for connecting it to the upper compartment having corresponding threads, the said inner compartment is further provided with threaded holes for connecting the said lower compartment to the upper compartment via the said inner compartment; further the inner compartment is provided with an inwardly projected collar, there is provided a valve consisting of disc made of resilient material like rubber, leather, plastic which is attached with a metal plate through which a vertical stem passes in the top portion of the inner compartment which in turn rests on the upper surface of the said inwardly projected collar.

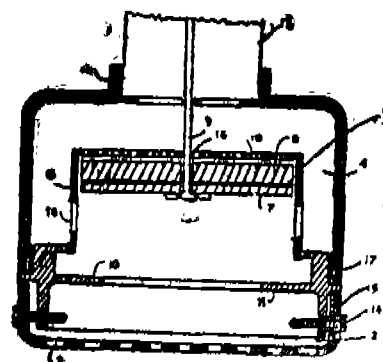


FIG. 1

Comp. Specn. 5 pages, Drg. 1 sheet.

Ind. Cl., 132 B2, C Gr. [XXXIV (3)]

172034

Int. Cl., : B 28C-1/02, 5/24;

A DEVICE FOR SAFE HANDLING OF LIME.

Applicant : SUDERSHAN CHEMICAL INDUSTRIES LIMITED, 162, WELLESLEY ROAD, SANGAM BRIDGE, PUNE-411 001, MAHARASHTRA STATE, INDIA, AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1956.

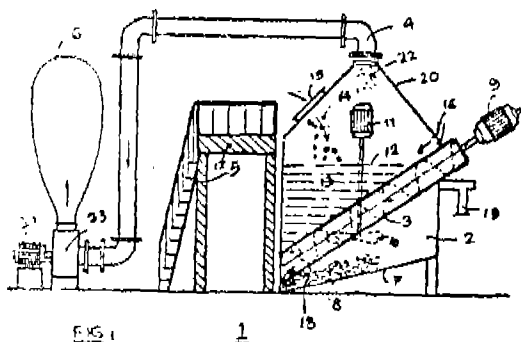
Inventors : KRISHNAMURTHY RAGHAVENDRARAO AMBEKAR, (2) PRAKASH SARVOTTAM KULKARNI,

Application No. 67/BOM/1991 filed on 7-3-1991

Appropriate office for opposition proceedings (Rule 4, Patents, Rules, 1972) Patent Office Branch, Bombay-13.

1 Claim

A device for safe handling of lime comprising a tank with top hood having openings for feeding lime and water and a duct connected to a suction pump for sucking lime dust particles from inside the tank and collecting into a dust collecting bag, the bottom of the said tank being provided with a steeply sloping inner surface and the near the lowest point at the bottom there is provided a slanting screw conveyor projecting outside the said tank and rotated by a prime mover such as an electric motor, an agitator provided inside the said tank for thoroughly mixing the lime and water being fed into the tank.



Comp. specification 4 pages, Drawing One sheet.

Ind. Cl., 55 E2 [XIX (1)]

172035

32F2 [IX (1)]

Int. Cl. : A61 K-31/425

PROCESS FOR THE PREPARATION OF AN FLASTASE-INHIBITING COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-20 MAHARASHTRA, INDIA A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

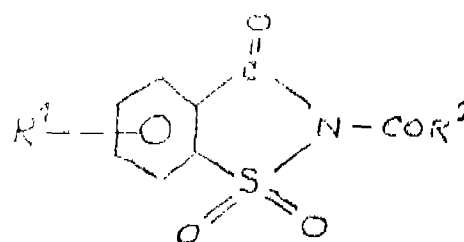
Inventors : (1) LADISLAS ROBERT, (2) ELEMER MOCZAR, (3) WILLIAM GEORGES HORNEBECK & (4) CHRISTIANE MARIE-PIERRE KERNEUR.

Application No. : 69/BOM/91 Filed on 8-3-1991

Appropriate office for opposition proceedings (Rule 4, Patents, Rules, 1972) Patent Office Branch, Bombay-13. 2-507 GI/92

11 Claims

A process for the preparation of an elastase-inhibiting composition comprising incorporating at least one benzisothiazolinone-1-dioxide derivative having the formula I of the accompanying drawings



FORMULA I

where R¹ is a hydrogen atom or a C₁-C₃ alkyl or alkoxy group, and -R² is a monovalent C₈-C₂₀ alkenyl or C₉-C₁₀ alkenyl group optionally substituted with OH or COOH group, or R² is a group with formula II

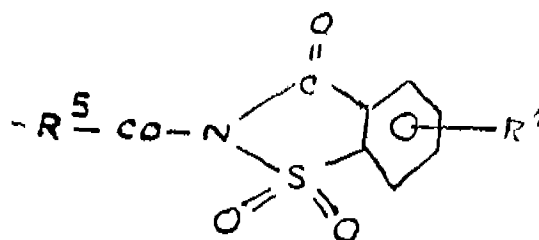


FORMULA II

where R³ is a divalent straight or branched C₂-C₆ saturated or ethylenically unsaturated aliphatic group radical (IIb) is an aromatic nucleus

R⁴ is OH, a C₁-C₄ alkyl or a C₁-C₄ alkoxy group n is zero or an integer in the range of 1-5, and when n>1, the R⁴ groups can be different, or else

-R² is a group with the formula III



FORMULA III

Where R¹ is the same as above, and R⁵ is a divalent straight or branched C₈-C₂₀ saturated or ethylenically unsaturated aliphatic group, into a pharmaceutically or cosmetically acceptable carrier or vehicle, in an amount such that the composition contains 0.1 to 5% weight of the compound of formula I.

Comp. Specn. 38 pages, Drgs. 2 sheets
1992

Ind. Cl. 32 F 2 (b) [IX (1)]+55 D 2 [XIX (1)]

172036

Int. Cl. C 07 D-241/40, 241/44.

A PROCESS FOR PREPARATION OF QUINOXALIN-(1H)-2-ONE.

Applicants : SUDARSHAN CHEMICAL INDUSTRIES LTD. 162, WELLESLEY ROAD SANGAM BRIDGE PUNE-411 001, MAHARASHTRA STATE, INDIA AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1956.

Inventors : (1) DR. NAGRAJ SHYAM SHUNDAR, (2) NIWAS UPASANT

Application No. 95/Bom/1991 Filed on 5-4-1991.

Appropriate office for opposition proceedings (Rule 4, Patents, Rules, 1972) Patent Office Branch, Bombay-13.

3 Claims

A process for preparing quinoxalin-(1H)-2-one comprising reacting O-phenylene diamine dissolved in an aliphatic alcohol with glyoxylic acid methyl ester hemiacetal at a temperature of 30—50°C wherein the solvent used is distilled off after the reaction is completed.

Comp. Specn. 5 pages;

Dwg. Nil.

Ind. Cl. : 32 A 2+32 F 2 (a) [IX (1)]

172037

Int. Cl. : C 07 C-15/24.

AN IMPROVED PROCESS FOR THE PREPARATION OF 1-NAPHTHYLAMINE 2-SULPHONIC ACID & ITS SALTS.

Applicants : SUDARSHAN CHEMICAL INDUSTRIES LTD. 162, WELLESLEY ROAD SANGAM BRIDGE PUNE-411 001, MAHARASHTRA, STATE, INDIA AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1956.

Inventors : (1) DR. NAGRAJ SHAMSUNDAR (2) ALWANI WASU

Application No. 96/Bom/1991 Filed on 5-4-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim

An improved process for the preparation of 1-Naphthyl amine 2-sulphonic acid and its salts comprising the steps of heating the 1-Naphthyl amine 4 sulphonic acid salts with an alkali metal bi-carbonate in a solvent comprising a mixture of diphenyl ether and diphenyl at a temperature of 190—250°C wherein the 1-Naphthyl amine 4 sulphonic acid salts are chosen from the group of alkali metals like sodium and potassium and the alkali metal bicarbonate chosen from the group consisting of sodium and potassium, further wherein the solvent used is selected from diphenyl ether and diphenyl mixture in various proportions from 100 to 60% of the former and 0—40% of the latter.

Complete specification 5 pages;

Drawing Nil

Ind. Cl. : 62 A; 170D [XLIII (4)]

172038

Int. Cl. : C 11 D, 9/12

PARTICULAR BLEACHING DETERGENT COMPOSITION.

Applicants : HINDUSTAN LEVER LTD. 165/166 BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA

Inventors : (1) PETER FREDERICK GARNER-GRAY (2) IAN ERIC NIVEN

Application No. 99/Bom/1991 Filed on Apr. 8, 1991 U.K. Convention date Apr 9, 1990

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Bombay Branch.

13 Claims

A particulate bleaching detergent compositions comprising a zeolite built base powder and alkalimetal percarbonate particles having a morphology index (as herein defined) of less than 0.06.

Complete specification 15 pages;

Drawing Nil

Ind. Cl. : 32E IX (1).

172039

Int. Cl. : C08 F-251/00

PROCESS FOR THE PRODUCTION OF GRAFT COPOLYMER OF STARCH AND AN OLEFINIC MONOMER.

Applicants : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-400 020. MAHARASHTRA, INDIA.

Inventors : (1) VELAYUDHAN NAIR GOPA KUMAR (2) PERINCHERRY ARAVINDAKSHAN, (3) SUNIL MANOHARLAL SAHNI,

Application No. 115/Bom/1991 filed on 25-4-1991. Complete after provisional left on 24-4-1992.

Appropriate Office for Opposition Proceedings (Rules 4, Patents Rule, 1972) Patent Office, Bombay Branch.

7 Claims

(Type Cl 1)

1. A process for the production of a graft copolymer of starch and an olefinic monomer which comprises treating starch with a redox initiator, thereafter reacting the starch with the monomer in an aqueous medium and in the presence of an oxidising agent and then recovering the product, characterised in that the olefinic monomer or a hydrotrope is brought into contact with the starch before the starch comes into contact with the oxidising agent.

Prov Specn-12 pages

Drawing Nil,

Comp Specn-14 pages

Drawing Nil

Ind. Cl. : 170D [XLIII (4)]

172040

Int. Cl. : C11D-11/04, 11/00.

PROCESS FOR PREPARING SOAP-ACYL ISETHIONATE COMPOSITIONS.

Applications : HINDUSTAN LEVER LTD., HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors : 1. YURIY OSEP KUTNY,
2. FREDERICK SILVIO SMER
3. JOSEPH JAMES PODGORSKY,
4. DAVID ANDREN RICHARDSON,
5. KARLA JEAN RYS.

Application No. 135/BOM/1991 filed on 10-5-1991.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

13 Claims

A process for the production of a composition comprising alkali metal salts of C_8 — C_{22} alkyl fatty monocarboxylic acid and alkali metal salts of C_8 — C_{22} acyl isethionate in a weight ratio of 20 : 1 to 1 : 0.98, said process comprising the steps of :

(i) forming a hot aqueous caustic solution comprising sodium hydroxide and alkali metal isethionate;

(ii) charging C_8 — C_{22} alkyl fatty monocarboxylic acid to a reactor and maintaining said fatty monocarboxylic acid at an elevated temperature while mixing;

(iii) adding said hot caustic solution to said fatty monocarboxylic acid in said reactor; and

(iv) either (a) feeding alkali metal salt(s) of C_8 a C_{22} acyl isethionate salt to said reactor at a time either prior to the addition of said caustic solution and then adding said hot caustic solution at a temperature of at least 80°C in step (iii) or (b) feeding alkali metal salt(s) of C_8 and C_{22} acyl isethionate salt to said reactor at a time subsequent to step (iii).

(Comp. Specn. 29 pages. Drawing One sheet).

Ind. Cl. : 129 J XXXV.

171041

Int. Cl. : B 21 B 31/02.

ROLLING MILL

Applicant : MORGAN CONSTRUCTION COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, UNITED STATE OF AMERICA.

Inventors : MARTIN GILVAR,
HAROLD ERNEST WOODROW,
CAMILLE SADALLAH NASRAH.

Application for Patent No. 961/Del/87 filed on 4th November, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A rolling mill comprising a roll stand, a housing (10) for the roll stand on which said roll stand is cantilevered, roll shafts (14) protruding externally of said housing (10), a pair of work rolls (50) removably secured on said roll shafts (14) on opposite sides of a mill pass line, guides (52, 54) located on said mill pass line, a carrier module (16) connected to said housing (10) characterised in that said carrier module (16) comprising a module plate (18) having a roll shaft opening (20) substantially bisected by a module reference line (22); at least a pair of roll (24a, 24b, 26a, 26b) engaging arms mounted on said module plate (18) on opposite sides of said reference line (22), each pair of said roll engaging arms being associated with an adjustment means (42a, 42b) for adjustment between a closed position wherein said work rolls (50) are engaged and removably located on opposite sides of said reference line (22) and in alignment with said roll shaft opening (20), and an open position retracted from said closed position; a guide support means (56, 58) for removably securing said guides (52, 54) to said module plate (18) in alignment with said module reference line (22); and mounting means (88, 90) located on said housing (10) for removably securing said module plate (18) to said housing (10) with said reference line aligned concentrically with the mill pass line and with said roll shafts (14) protruding through said roll shaft opening (20) engaging said work rolls (50) temporarily by means of said roll engaging arms, upon adjustment of which to their open position said arms move away from said work rolls (50), thereby

enabling said work rolls to be removably secured to their respective roll shafts (14).

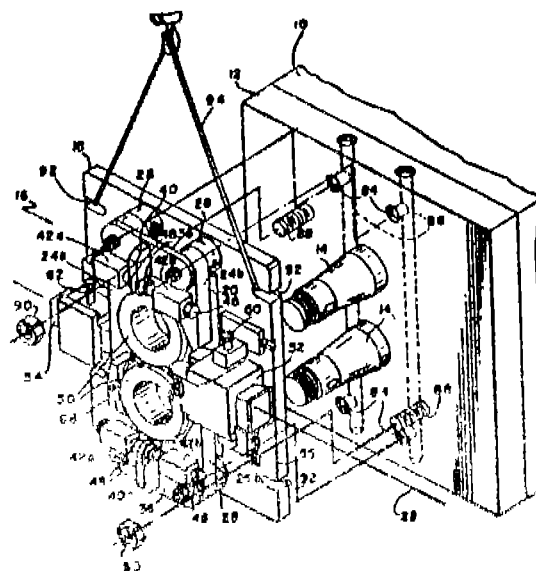


Fig 1

(Complete Specification 12 pages Drawing sheets 3)

Ind. Cl. : 107 I.

172042

Int. Cl. : F 02 M 23/06.

A CARBURETTOR FOR AN INTERNAL COMBUSTION ENGINE.

Applicant : PIAGGIO VEICOLI EUROPE S.p.A., FORMERLY KNOWN AS PIAGGIO VEICOLI EUROPE S.r.l., A COMPANY ORGANISED UNDER THE LAWS OF THE ITALIAN REPUBLIC, OF VIALE RINALDO PIAGGIO, 23-PONTEDERA (PISA), ITALY.

Inventor : MARCO NUTI.

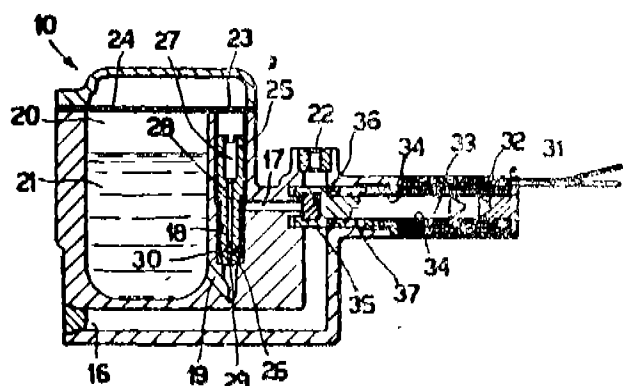
Application for Patent No. 983/Del/87 filed on 17th November, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A carburettor for an internal combustion engine for the enrichment of the air-fuel mixture said carburettor being provided with a main spraying (12) circuit and with at least one auxiliary spraying (13) circuit for the enrichment of the air-fuel mixture, said main and auxiliary spraying circuits being in communication with a choke (11) tube, wherein a throttle (28) valve controlled by throttle governor (35, 37) means acts inside said choke tube and a governing (14) valve located downstream of the choke tube acts inside said at least one auxiliary spraying circuit, said governing valve being able to be actuated between an opening position and a shutting position of said at least one auxiliary spraying circuit by means of control (15) means, characterised in that governing valve comprises an electromagnet with a mobile (30) core to cut off the fuel which from said at least one auxiliary spraying circuit enters said choke tube, and in that means for (31, 38, 40...) detecting the actuation speed of said throttle valve are provided which are connected with said control means to govern said electromagnet according to a governing

law which is a function of the speed of actuation of the said throttle valve, as signalled by said detection means.



(Complete Specification 11 pages Drawing sheets two)

Ind. Cl.: 98.

172043

Int. Cl.: B 21 D 22/00, 26/00, F 28 G 11/00.

A METHOD FOR THE MANUFACTURE OF A METAL TUBE FOR USE IN A HEAT EXCHANGER.

Applicant: STEIN INDUSTRIE, A FRENCH COMPANY OF 19-21 AVENUE MORANE SAULNIER 78140 VELIZY VILLACOUBLAY, FRANCE; AND ELECTRICITE DE FRANCE A FRENCH COMPANY OF 2 RUE LOUIS MURAT 75008 PARIS, FRANCE.

Inventors: GILBERT VIGNERON, JEAN BEZIER, THONG NGUYEN THANH, PIERRE VIDAL, GUY ZACHARIE & LUCIEN GUILLEMIN.

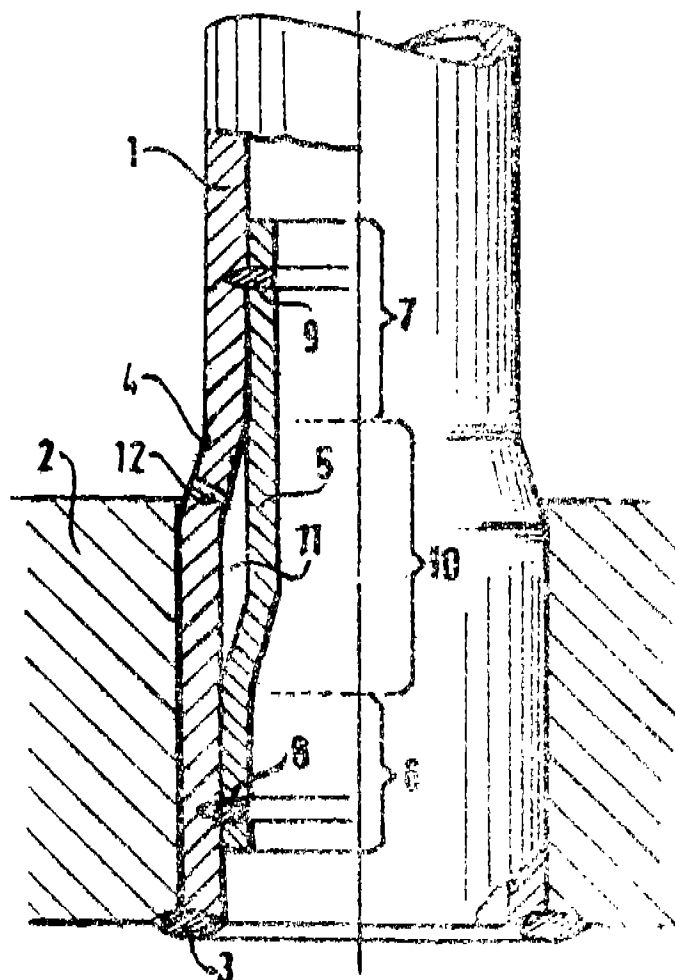
Application for Patent No. 992/Del/87 filed on 18th November, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A method for the manufacture of a metal tube for use in a heat exchanger near the inner surface of the tube sheet of said heat exchanger from a damaged metal tube, said method comprising inserting into said damaged metal tube from the outer surface of the tube sheet, a metal sleeve having an outer diameter slightly less than the inner diameter of said damaged metal tube, said inserted metal sleeve penetrating into the damaged tube beyond said damaged area, subjecting one end of the sleeve situated on the side of the outer surface of the tube sheet on the damaged tube to localised bulging, locally welding said one end of the sleeve to the corresponding end of the tube, locally welding other end of the sleeve extending beyond said damaged area so that said other end of the sleeve is partially penetrated into the inside of the tube, characterised in that prior to said local welding, said one sleeve end is first locally expanded against the tube, said local weld inside the expanded region penetrating into said tube upto 20 to 75% of the thickness of said tube and thereafter, the other end of the sleeve is expanded against the damaged tube in the region located on the inside of the tube sheet, above said local weld.

FIG. 1



Compl. Specn. 10 pages.

Drgs. 1 sheet

Ind. Cl.: 24 D₁, 24D²

192044

Int. Cl.: B 60 T 8/00, 8/50, 8/92.

AN IMPROVED HYDRAULIC BRAKE SYSTEM FOR HEAVY VEHICLES.

Applicant: DRESSER INDUSTRIES, INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATES OF DELAWARE, ONE OF THE UNITED STATES OF AMERICA, OF P.O. BOX 718, DALLAS, TEXAS 75221, U.S.A., MANUFACTURERS.

Inventors: WILLIAM HENRY BECHMAN & RICHARD ARTHUR DOVERSBERGER.

Application for Patent No. 1000/Del/87 filed on 20th November, 1987.

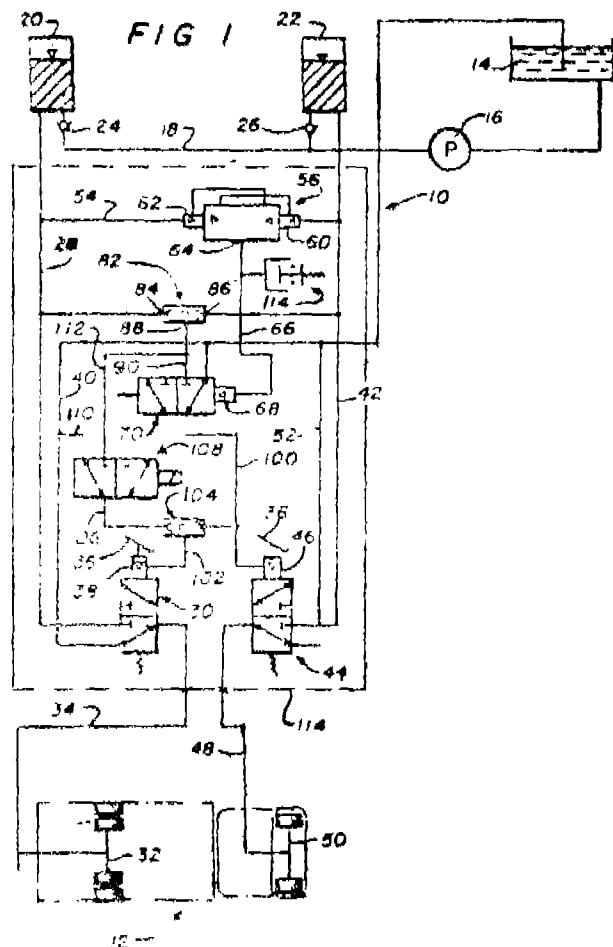
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An improved hydraulic brake system (10) for heavy vehicles having front wheel and rear wheel brakes (50, 32), a reservoir (14), a source of pressurized hydraulic fluid, (16) first and second accumulators (20, 22) connected in parallel to each other and connected with said source (16) of pressurized hydraulic fluid, and having at least two pressure comparing means characterized in that first pressure

comparing means (56) is provided with a pair of inlets (60, 62), each inlet being connected to each accumulators (20, 22) and a low pressure outlet (64) connected to the pilot port of a pilot actuated trigger valve;

second pressure comparing means (82) is provided with a pair of inlets (84, 86), each inlet being connected to each accumulator (20, 22) and a high pressure outlet (88) connected to an inlet port (90) of said trigger valve (70); said trigger valve (70) also having an outlet port (88) and a return port (40) connected to said reservoir (14), so that said trigger valve (70) actuates when the pressure in said pilot port (70) is above a predetermined value to permit flow therethrough to said reservoir (14); and a front brake valve (44) having a pilot actuator is connected to said trigger valve (70) outlet port (88) and is provided with a manual actuator (36).



Compl. Specn. 14 pages.

Drgs. 1 sheet

Ind. Cl. 32 E.

172045

Int. Cl.⁴: C08F 210/18.

A METHOD FOR PREPARING A COPOLYMER OF ETHYLENE AND AN ALPHA, INTERNAL NON-CONJUGATED DIENE.

Applicant: EXXON CHEMICAL PATENTS INC., A CORPORATION OF DELAWARE, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 1900 EAST LINDEN AVENUE, LINDEN NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventors: HOWARD CURTIS WELBORN & RICHARD GRAHAM AUSTIN.

Application for Patent No. 1015/Del/87 filed on 27 November, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A method for preparing a copolymer of ethylene and an alpha, internal non-conjugated diene such as herein described, said copolymer having a cluster index of about 9 or less, and a molecular weight distribution (Mw/Mn) of about 3 or less, comprising reacting ethylene and an alpha internal non-conjugated diene in the presence of a metallocene/alumoxane catalyst as herein described, said metallocene having a metal selected from Group IVB, VB, and VIB of the Periodic Table.

Compl. Specn. 31 pages.

Drgs. 2 sheets

Ind. Cl.: 157 D.

171046

Int. Cl.⁴: E01B 9/30.

A RAILWAY RAIL-FASTENING CLIP.

Applicant: PANDROL LIMITED, A BRITISH COMPANY, OF 1 VINCENT SQUARE, LONDON SW1P 2PN, ENGLAND.

Inventor: CHRISTOPHER GARDNER.

Application for Patent No. 1042/Del/87 filed on Dec., 87.

Convention date 10 Dec. 1986/8629513/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A clip for fastening a railway rail, the clip being constituted by a rod of metal which has been bent so as to provide, from one end (A) of the rod to the other end (B):

a substantially straight first portion (1) which is free from helical portions which would facilitate screwing the clip into a sleeper;

a bent second portion (2);

a substantially straight third portion (3) the axis of which makes an angle substantially more than 45° with the axis of the first portion (1), the two axes lying in the same plane;

a fourth portion (4) which is a reverse bend;

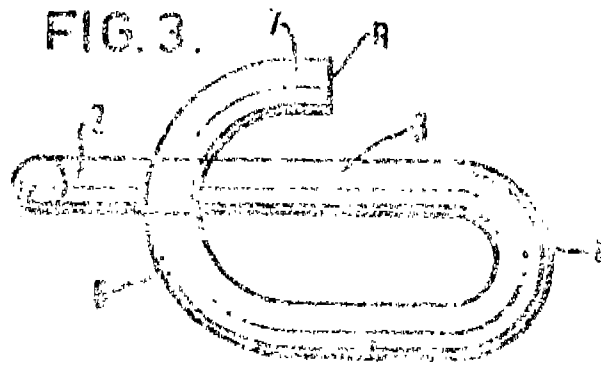
a fifth portion (5);

a sixth portion (6) which is another reverse bend; and

a seventh portion (7).

the construction of said clip being such that it is possible to place the clip in a position such that the third portion (3) is horizontal and the first portion (1) extends downwardly and such that when the clip is viewed from above, the fifth and seventh portions (5 and 7) appear to be on opposite sides of the third portion (3).

FIG. 3.



Compl. Specn. 9 pages.

Drgs. 3 sheets

Ind. Cl.: 116 H.

172047

Int. Cl.: B 66 9/00.

MINI CLIMBING CRANE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

Inventors: JAGADISH PRASAD KAUSHISH, BHAGWAN DASS, SURENDRA KUMAR SAINI, DINESH KUMAR GAUTAM.

Application for Patent No. 1089/Del/87 filed on 17th December, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

An mini climbing crane which comprises a boom (1) having on its outer end a load pulley (2) for hoisting the load, the other end of the boom (1) being supported and

hinged with a swivelling platform chassis (5) which is mounted on a ring gear assembly (6) the ring gear assembly (6) being mounted and rigidly connected with the top face of a vertical mast (7), the mast (7) being built up of several sectors according to the requirements the additional sectors being added from below characterised in that a chair unit (23) supports the mast with a telescopic type fitting, the chain unit consisting of a frame (33b) comprising of a plurality of horizontal and vertical arms the horizontal arm having mounted thereon a number of lugs (32) so as to provide support for the mast during the addition of further sectors to the mast, the frame being fixed to leg assemblies (24) on the two opposite faces of the chair unit, a telescopic brace (38) is connected to said leg assemblies for controlling opening of said leg assemblies (24), each leg assembly at its lower end carrying an equillising beam (28) which helps in equal distribution of the crane loads on four transfer pads (29) placed below the equillising beam and the said pads in turn are rigidly connected to a spreading beam (30) through a wooden plank (31) placed below uniformly, distributing the crane load on the roof, four lateral supports (39) being provided at the top corner of the chair unit, the bottom of the lateral supports being fixed with the spreading beam, these providing lateral support to the mast.

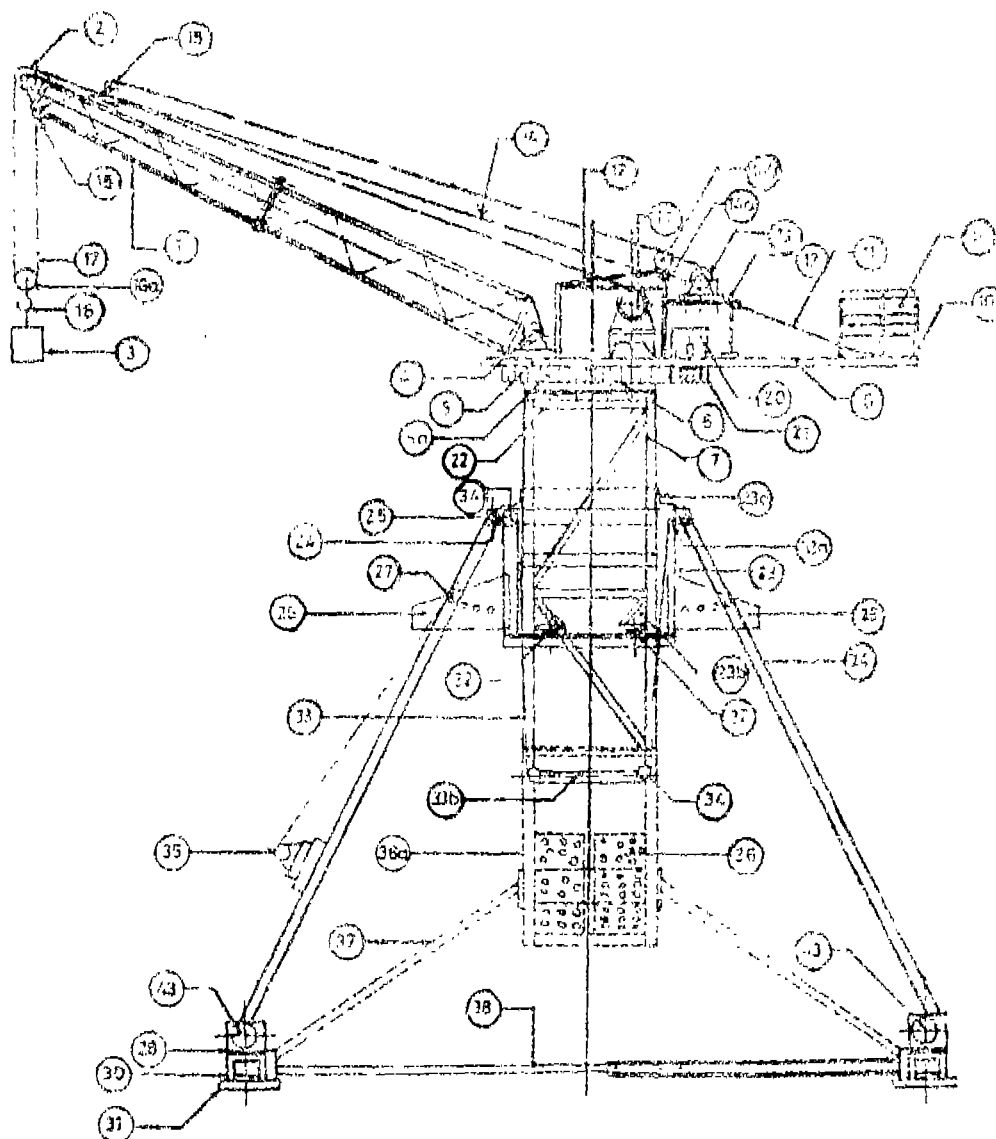


FIG 1

Ind. Cl.: 123L

172048

Int. Cl.: C05B 9/00.

A PROCESS FOR THE PREPARATION OF FERTILIZER USEFUL TO INCREASE PHOSPHATE AVAILABILITY IN SOIL.

Applicant: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: BALAMANI BEZBARUAH & INDRANI PATGIRI.

Application for Patent No. 1112/Del/87 filed on 22 Dec., 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

8 Claims

A process for the preparation of a fertilizer useful to increase the phosphate availability in soil which comprises culturing the strains *Bacillus subtilis* & *Pseudomonas striata*, designated as RRL (Jorhat) 11 and RRL (Jorhat) 47 respectively in an aqueous nutrient or solid nutrient medium separately both containing wheat bran, isolating the strain by conventional methods mixing the said isolated strains and treating the mixed isolated strains with inorganic chemicals such as rock phosphate, calcium triphosphate (superphosphate) followed by air drying to get the fertilizer.

Compl. Specn. 6 pages.

Ind. Cl.: 13 A & 99 H.

172049

Int. Cl.: B32B 27/08 & B65D 37/00 & 30/14.

A POUCH.

Applicant: STANDIPACK PRIVATE LIMITED, 25, COMMUNITY CENTRE, EAST OF KAILASH, NEW DELHI-110 065, INDIA, AN INDIAN COMPANY.

Inventor: KAMAL MEATTLE.

Application for Patent No. 329/Del/89 filed on 11 Apr., 1989.

Post dated to 11 July 1989.

Complete Specification left on 11 Oct., 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A pouch (10) for storage of oil such as lubricating oil, comprising a front sheet (12), back sheet (11) and a bottom or base sheet (14), said front sheet (12) being heat sealably secured to the back sheet (11) along the longitudinal sides (13 A & 13 B), said base sheet also being heat sealably secured to the front and back sheets (12 & 11) characterised in that the front, back and base sheets (12, 11 & 14) comprise each of a polyester layer adhered to at least two coextruded layers or films selected from low density

polyethylene (11 a), linear low density polyethylene (11b) or high density polyethylene (11c).

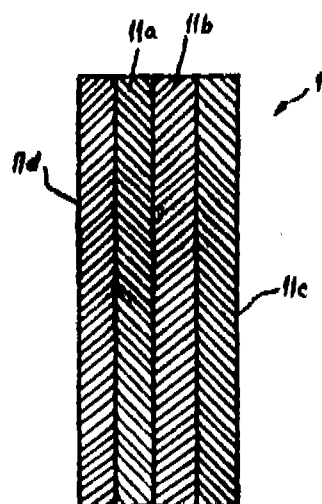
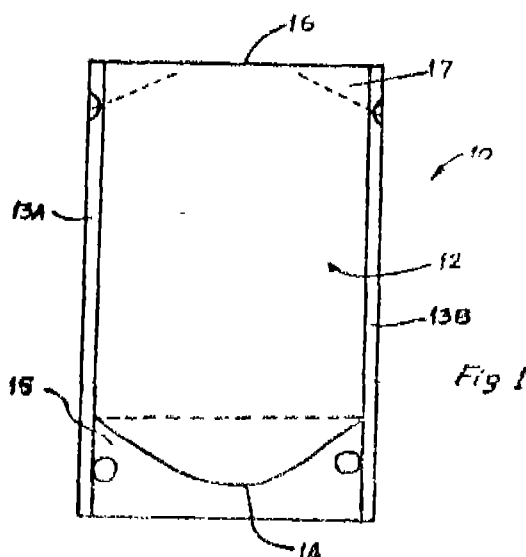


Fig 2a

Provisional Specification 4 pages.

Compl. Specn. 16 pages.

Drgs. 1 sheet.

Ind. Cl.: 32-F2

172050

Int. Cl.: 307 D, 307/79.

A PROCESS FOR THE PREPARATION OF DIMETHOXY BENZOFUROXAN "OBTAINABLE IN CRYSTALLISED FORM".

Applicant: SAMBASIVAN VENKAT ESWARAN, AN INDIAN NATIONAL OF ST. STEPHENS COLLEGE, DELHI-110 007, INDIA.

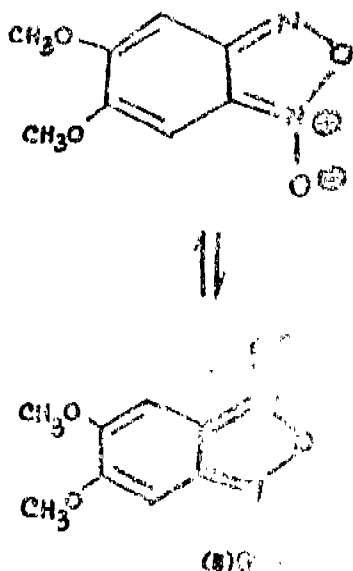
Inventor: SAMBASIVAN VENKAT ESWARAN.

Application for Patent No. 461/Del/89 filed on 26th May, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

A process for the preparation of dimethoxy benzofuroxan obtainable in crystalized form which comprises subjecting an appropriately substituted dimethoxybenzene to nitration preferably at a temperature upto 50 C using a nitrating agent such as nitric acid, cooling the reaction mixture and crystallising it in ice cold water to obtain corresponding dinitrodimehoxybenzene, subjecting said dinitrodimehoxybenzene to the reaction with alkaline oxide such as sodium azide at a temperature of 80-90 C in presence of an organic solvent to obtain the corresponding dimethoxybenzofuroxan and crystallising dimethoxybenzofuroxan in ice cold water.



Compl. Specn. 10 pages.

Drugs. 1 sheet.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The Claim made by SEDCO FOREX TECHNOLOGY INC., Panama has been allowed under Section 20(1) of the Patents Act, 1970, in respect of Patent application No. 170357.

The Claim made by SEDCO FOREX TECHNOLOGY INC., Panama has been allowed under Section 20(1) of the Patents Act, 1970 in respect of Patent application No. 170875.

PATENT SEALED ON 19-02-93

168672* 169375* 169447 169646 169654 169656 169657
169659* 169673 169718* 169741* 169776* 169826*
169851 D* 169884* 169929* 169988 169990 170107 170164*
170194* 170196 170289 D* 170312 F* 170657 D*

Cal-11, Del-08, Mas-04 & Bom-02.

* Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of Sealing.

D—Drug Patent & F—Food Patent

DRAFT NOTIFICATION GAZETTE

Registration of Assignments Licences etc. (Patents).

Assignments Licences or other transaction affecting the interests of the original Patentee have been registered in following cases.

156855..... Abhinav Fuels Pvt. Ltd.
Registration of Assignments, Licences etc. (Patents)

Assignments Licences or other transaction affecting the interests of the original Patentee have been registered in following cases.

156855—M/s. Bundelkhand Special Smokeless Coke Fuel Pvt. Ltd.

RENEWAL FEES PAID

150049 150182 151130 151317 151322 153253 153870 154071
154705 156623 156626 157206 157207 158186 158258 158749
158751 158767 158778 159220 159243 159248 159249 159520
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160119 160137 160238 160308 160343 160725 161100 161109
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RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 158985 dated the 26th February, 1993 made by Joseph Westly Newman on the 26th February, 1992 and notified in the Gazette of India Part III, Section 2, dated the 18th April, 1992 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 163290 dated the 26th February, 1983 made by Joseph Westly Newman on the 26th February, 1992 and notified in the Gazette of India Part III, Section 2, dated the 18th April, 1992 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 165970 dated 15th October 1985 made by Eid Electronic Identification systems Ltd, on the 12th March, 1992 and notified in the Gazette of India Part III, Section 2, dated the 30th May 1992 has been allowed and the said Patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 164903. Batra Associates Limited, Indian Company of E-42/3, Okhla Industrial Area, Phase-II, New Delhi-110020, India. "Leakage control valve for cooking range". October 20, 1992.

Class 1. No. 165135. The Asha Engineering Works, Indian Partnership Firm of 157/B, Lenin Sarani, Calcutta-700013, W.B., India. "Fan". December 22, 1992.

Class 3. Nos. 164516, 164518 & 164520. Balkrishna Tyres, Indian Company of 305, Creative Industrial Estate, N. M. Joshi Marg, Bombay-400011, Maharashtra, India. "Tyre for light commercial vehicles". July 8, 1992.

Class 3. No. 165064. Flamagas, S.A. Spanish It-Stock Co. of Sales 1 Ferrer 7, 08026-Barcelona, Spain. "Pocket Lighter". December 3, 1992.

Class 3. No. 164611. Time Packaging Ltd. of 604, Vishwanank, I.C.T. Link Road, Chakala, Andheri (E), Bombay-400099, Maharashtra, India, Indian Company. "Drum". July 21, 1992.

Class 3. No. 164612. Time Packaging Ltd. 604, Vishwanank, I.C.T. Link Road, Chakala, Andheri, (E), Bombay-400099, Maharashtra, India, Indian Company. "Inseret". July 21, 1992.

Class 3. No. 164662. Paravane Cruiser Electronics, 4215, Shahtara Street, Ajmeri Gate, Delhi-110006, India, Indian Proprietary Firm. "Toy Guiter". August 10, 1992.

Class 3. No. 164713. Mamta Plastic Works, Indian Partnership Firm, of 313, Shri Hanuman Industrial Estate, G. D. Ambedkar Road, Wadala, Bombay-400031, Maharashtra, India. "Tee joint". August 27, 1992.

Class 3. No. 164714. Mamta Plastic Works, Indian Partnership Firm, of 313, Shri Hanuman Industrial Estate, G. D. Ambedkar Road, Wadala, Bombay-400031, Maharashtra, India. "Internal bend for electrical wiring". August 27, 1992.

Class 3. No. 164715. Mamta Plastic Works, Indian Partnership Firm, of 313, Shri Hanuman Industrial Estate, G. D. Ambedkar Road, Wadala, Bombay-400031, Maharashtra, India. "Four way joint for electric wiring". August 27, 1992.

Class 3. No. 164716. Mamta Plastic Works, Indian Partnership Firm, of 313, Shri Hanuman Industrial Estate, G. D. Ambedkar Road, Wadala, Bombay-400031, Maharashtra, India. "Reducer for electric wiring". August 27, 1992.

Class 3. No. 164720 Mamta Plastic Works, Indian Partnership Firm, of 313, Shri Hanuman Industrial Estate, G. D. Ambedkar Road, Wadala, Bombay-400031, Maharashtra, India. "Coupling for electric wiring". August 27, 1992.

Class 3. Nos. 164727 and 164728. The Goodyear Tire & Rubber Co. of 1144 East Market Street, Akron, Ohio-44316-0001, U.S.A. "Tyre". August 31, 1992.

Class 3. No. 164983. Bonjour International of 5762/6, New Chandrawal Jawahar Nagar, Delhi-110007, India, Indian Proprietary Firm. "Tiffin carrier". November 12, 1992.

Class 3. No. 164948. Rama Krishna, Moulders, 5211-Kolhapur House, Kolhapur Road, Delhi-110007, India, Indian Proprietary Firm of "Vacuum Flask". November 12, 1992.

Class 10. Nos. 164735 to 164740. Phoenix Overseas Limited of 3rd floor, Gopala Tower, 25, Rajendra Place, New Delhi-110008, India. "Shoes". September 2, 1992.

Class 12. Nos. 164887 & 164888. Colgate-Palmolive Company of 300 Park Avenue, New York 10022, U.S.A. "Soap Bar". October 14, 1992.

R. A. ACHARYA,

Controller General of Patents
Designs and Trade Marks.

प्रबन्धक, भारत सरकार मुद्रणालय, फरादाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1993

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